

# BROADBAND TRANSDUCER CONTROLLED BY MAGNETIC FIELD COUPLING

## ABSTRACT OF THE DISCLOSURE

A broadband transducer controlled by magnetic field coupling, the transducer has signal volume control of a hi-fi set that is achieved by means of variable resistance originally achieved instead by means of a magnetic field coupler, wherein, the magnetic field coupler has a primary coil and a secondary coil with an adjustable gap therebetween, an adjusting rod is provided in the gap for adjustment and control; thereby, magnetic resistance is controlled for controlling volume of sounds; using of low voltage amplifying saves energy source and lowers cost of production, and makes an amplifier have an ideal acoustic effect able to give sweet sounds such as is done with a vacuum tube type hi-fi set and to give pushout power such as is done with a transistor type hi-fi set.